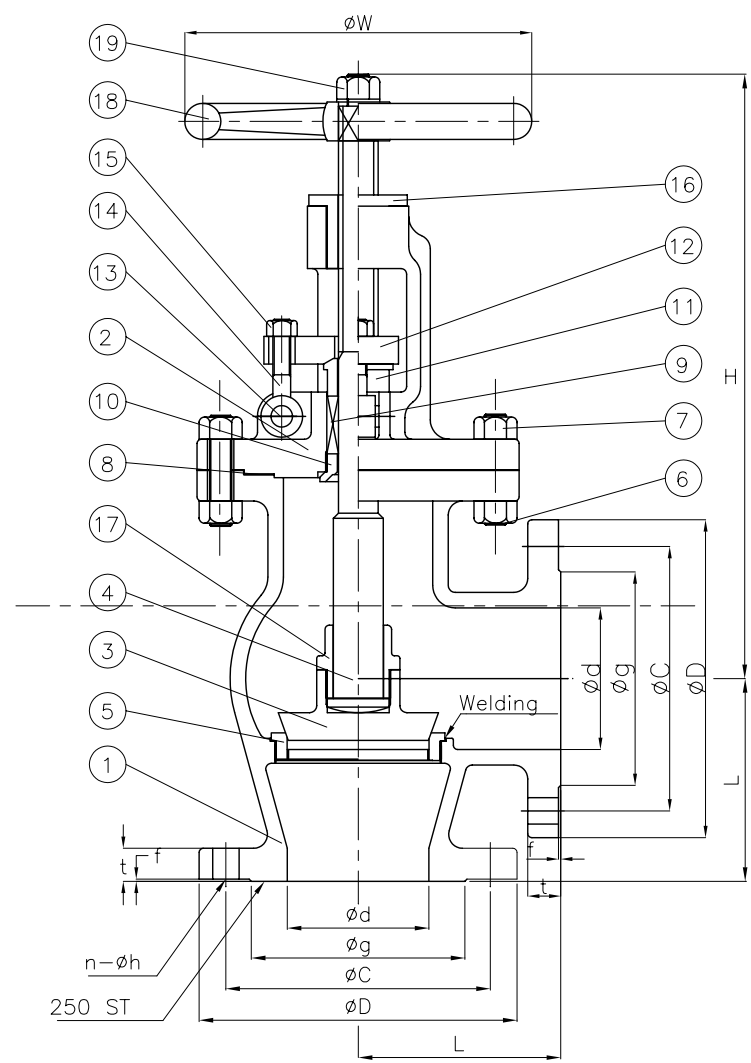


Wm. E. Williams No. 153F4 Class 150 RF Angle Valve ASTM A 216 WCB (Bronze Trim)



BILL OF MATERIALS				
NO.	PART NAME	MATERIALS	Q'TY	
1	BODY	A216Gr WCB	1	
2	BONNET	A216Gr WCB	1	
3	DISC	6" & BELOW	A217Gr CA15 With ASTM B62 OVERLAY	1
		8" & OVER	A216Gr WCB With ASTM B62 OVERLAY	
4	STEM	BRASS	1	
5	SEAT RING	A105 With ASTM B62 OVERLAY	1	
6	BONNET BOLT	A193Gr B7	1SET	
7	BONNET NUT	A194Gr 2H	1SET	
8	GASKET	P#1400G	1	
9	PACKING	P#6610+P#6528	1SET	
10	BACK SEAT	A479Gr 410	1	
11	GLAND RING	A479Gr 410	1	
12	GLAND FLANGE	A105 or WCB	1	
13	HINGE PIN	A105 or 410	2	
14	GLAND BOLT	A307Gr B	2	
15	GLAND NUT	A307Gr B	2	
16	BONNET BUSH	A439Gr D2C	1	
17	DISC NUT	A217Gr CA15	1	
18	HAND WHEEL	A197	1	
19	HANDLE NUT	A307Gr B	1	

UNIT: INCH

SIZE	d	L	D	C	g	t	f	n-h	H	W
2.00	2.00	4.00	6.00	4.75	3.63	0.625	0.060	4-0.75	14.44	7.00
2.50	2.50	4.25	7.00	5.50	4.13	0.689	0.060	4-0.75	14.96	7.87
3.00	3.00	4.75	7.50	6.00	5.00	0.750	0.060	4-0.75	16.65	8.82
4.00	4.00	5.75	9.00	7.50	6.87	0.937	0.060	8-0.75	18.26	9.87
5.00	5.00	7.00	10.00	8.50	7.32	0.937	0.060	8-0.87	20.47	9.87
6.00	6.00	8.00	11.00	9.50	8.50	1.000	0.060	8-0.87	23.42	12.37
8.00	8.00	9.75	13.50	11.75	10.62	1.125	0.060	8-0.87	28.71	13.97
10.00	10.00	12.25	16.00	14.25	12.75	1.187	0.060	12-1.00	33.93	15.75
12.00	12.00	13.75	19.00	17.00	15.00	1.250	0.060	12-1.00	45.35	17.75

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598		
DIM. OF FLANGE	ANSI B16.5	SHELL	HYDRO	450PSI
FACE TO FACE	ANSI B16.10	SEAT	AIR	80PSI
WALL THICKNESS	API 600	BACK SEAT	HYDRO	314PSI
OVERALL	API 600, ANSI B16.34			

△					
△	RECHECKED DIM				
△	ISSUED FOR PROPOSAL				
NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
TITLE CAST STEEL ANGLE GLOBE CLASS 150 B,B R,F. Brz. Trm.					
SCALE	Fig #	DRAWING NO.			
NONE	153F4	60AN060081			
				REV.	01